

Flyin 3 Ports Polarization-Insensitive Optical Circulator

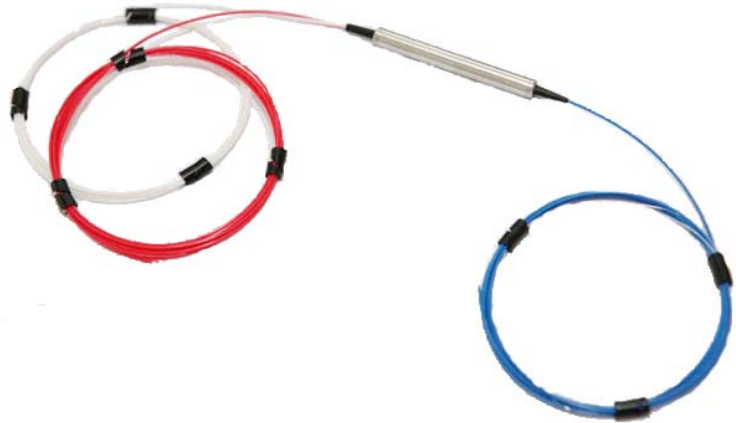
Polarization Insensitive Optical Circulator utilizes proprietary designs and metal bonding micro optics packaging. It's a compact, high performance components, with high isolation, low insertion loss, low PDL, high stability and reliability. It is widely used in combination with fiber gratings and other reflective components in DWDM systems, wavelength add/drop, high speed systems, bi-direction communication systems, dispersion compensation, EDFA application and optical time domain reflectometer (OTDR) measurements.

Features

- Low Insertion Loss
- Wide Band High Isolation
- Low PDL
- Compact In-Line Package
- High Stability and Reliability
- Epoxy-free on Optical Path

Applications

- Optical Amplifier
- Metro Area Network
- Wavelength Add/Drop
- Dispersion Compensation
- Bi-Direcation Communication



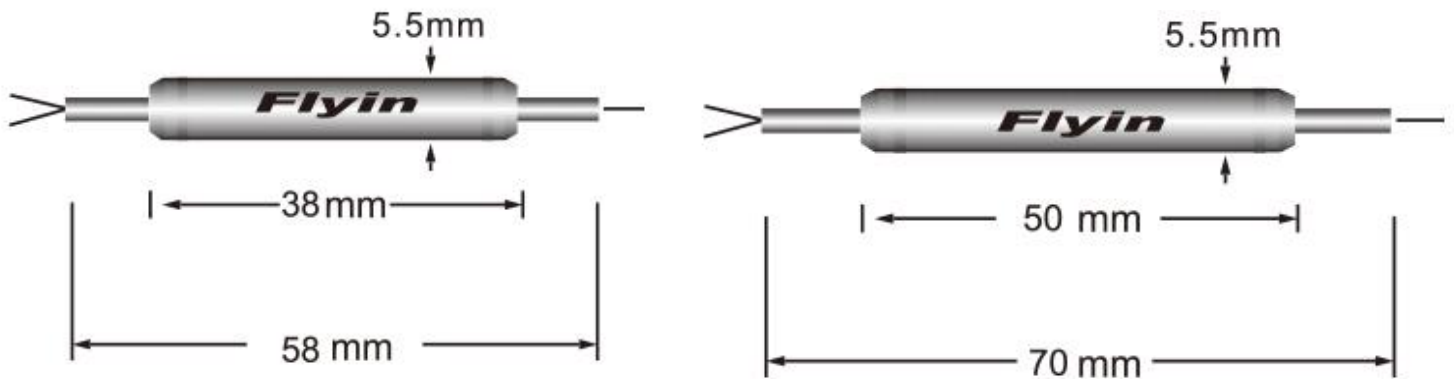
Performance Specifications

Parameter		P Grade	
Configuration		Port 1 to Port 2 to Port 3	
Operation Wavelength (nm)		1310±30,1550±30	C+L band, S+C+L band
Isolation (dB)	Typical	0.6	0.8
	Maximum	0.8	1.0
Typical Isolation (dB)		≥50	
Minimum Isolation (dB)		≥40	
Cross Talk (dB)		≥50	
Polarization Dependent Loss (dB)		<0.15	
Polarization Mode Dispersion		<0.1	
Return Loss (dB)		≥50	
Power Handling (mW)		300	
Operating Temperature (°C)		-10~+75	
Package dimension (mm) (Steel tube)		Φ5.5xL38	
Package dimension (mm) (ABS box)		90x20x10	

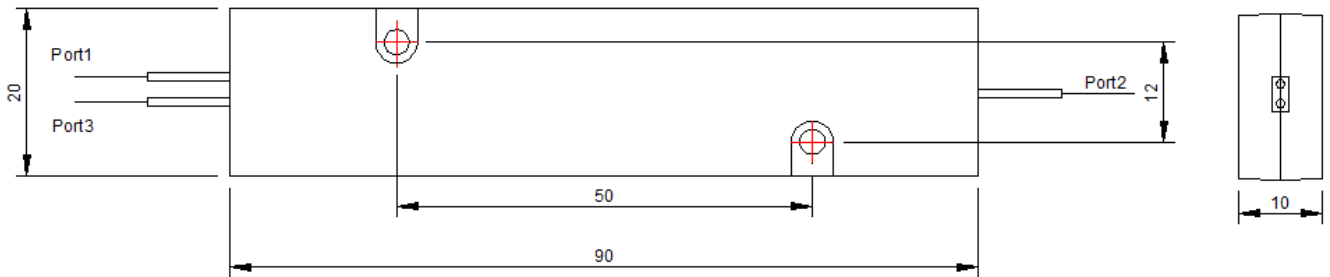
Specifications may change without notice.

Above specification are for device without connector.

Steel Tube Dimension(Bare fiber & 900um loose tube)



ABS Box Demension(2mm&3mm cable)



Ordering Information

PIOC	X	XX	X	X	X	XX
	Port	Wavelength	Grade	Fiber Type	Fiber Length	In/Out Connector
	3=3 Port	13=1310nm 15=1550nm C=C+L band S=S+C+L band	P=P Grade	1=Bare fiber 2=900um loose tube 3=2mm cable 4=3mm cable	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC S=Specify